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COUN	NTRY Latvia	DATE DISTR. // Jun 1954		
SUBJ	JECT Abtelung Chemical (Casein) Factory/ Operation/Floor Plan and Layout	NO. OF PAGES 2		
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processed by the "Abtelung" Chemical Factory, a part of the Association. The buildings of the Association were at Valmieras Strasse #2 on the eastern outskirts of Riga along the north side of the Riga-Cesis-Valka railroad, approximately four blocks northeast of the main railroad station in Riga and one or two miles southwest of the main Latvian prison. The casein plant was formerly the Foenix Wagon Factory, partially destroyed in World War I. All of the buildings of the Association were dark brick except the dairy itself, which was concrete and stone, painted white. The floors of these buildings were concrete except those used for bureaus (offices) whose floors were wood-covered. Water and electricity for operation of this dairy came from the municipal facilities. See Enclosure (A) and (B) with legends, rough sketches of plant layout and floor plans.				
2.	The casein plant began operation in these quincreased in importance until its revenues sall other dairy products. From 70 to 150 wo plant, with the larger number working in sum Eight-hour shifts worked around the clock in then the excess supply had to be stored in a or in the plant basement where there were re-	arters in 1936 and gradually urpassed those from the sales of rkers were employed by the casein mer when more milk was produced. summers to process the milk. Even huge ice house by the Daugava River		
3•	The processing of the casein was the usual d content, grinding, washing, mixing and treat shaping in plates, sticks, or other forms for	rying, testing for water and ash ing for color and quality, and it sale or use. The primary uses ficial horn for buttons, combs, is - toys, for instance. The flam		
4.	After the Soviet occupation of 1940 few changes of the casein, but the output was diverted the authorities and ever increasing quotas were	to the USBR by the Community		

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quotas brought accusations of sabotage. After the occupation by the Germans in 1941 the quota system was discarded, but the Germans took the output of the plant. A portion of this casein was used by them as a food base, for puddings, etc.

5. Research in the plant during World War II was devoted not only to developing further or better uses for casein products, but also to discovering substitutes to supplement dairy products. Experiments were carried on with "Kieldahl" tests to determine the food values of the shell portion of wheat, oat and barley grains. These tests indicated high vitamin content in this part of the grain. During World War II work was conducted to find a yellow butter dye that could be made in Latvia and not have to be imported. Also paints were tested to increase their durability and experiments made to find substitutes for soap, which was scarce during the World War II years.

6.			

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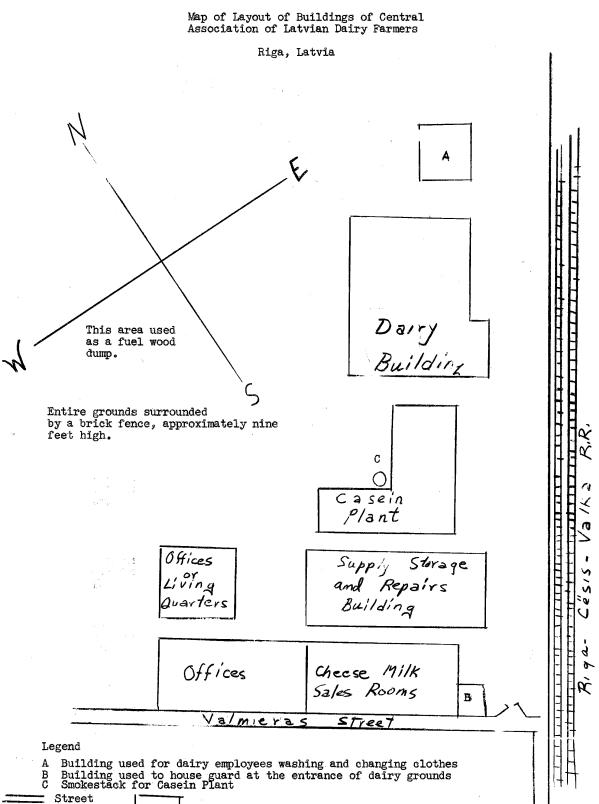
ENCLOSURE (A): Layout of Buildings of Central Association of Latvian Dairy

(B): Floor plans of "Abtelung" Chemical (Casein) Factory with legend

1-6/727.64 4-12/727.64 35M * 2-12/727.64 7-12/727.64 7-11/727.64 35M (N) N(VI) 35M (N) 10-5/727.64 784.841 35M(N) 2-5/717.1 35M. 35M 12-5/727.64 2-12/717.1 1-6/711.173

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Stone or brick buildings

+++++ Railroad

FLOOR PLANS OF ABTELUNG CHEMICAL (CASEIN) FACTORY OF CENTRAL ASSOCIATION OF LATVIAN DAIRY FARMERS, RIGA, LATVIA

Room for experimental uses (cutting shaping, etc) of casein.
Room for manufacture of artificial horn Elevator D Stairway E Room containing steam heating units Room containing casein drying machines Smokestack H Laboratory for analysis of milk, casein, etc. Fractional distillation room, produced amil alcohols Empty room K L Office Experimental room for testing dyes, soaps, paints Room for shelf drying casein artificial horn Ground floor N Director's office 0 Empty room Room for washing and grinding fresh casein Hole for lowering and raising casein to be Q treated. R Hall ν В Men's toilet Women's toilet Z Approximately Ū Men's dressing room Women's dressing room Z Laundry C G In addition there was a single room on the third floor above "D" $^{*}I"$ and "R" which was used by designers who drew and laid out new projects. There was no second floor above rooms U, V, and Z Approximately 90 feet Second floor 0 6 (a) CONFIDENTIAL

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